



OBJECTIVES

The 5GINFIRE is, by design, a duality project that sets its overall technical objectives as a prerequisite for achieving a longer term strategic objective that aspires to resonate beyond its lifetime and act as valuable source of constant feedback:

- Establish the first 5G NFV-enabled experimental testbed capable of instantiating and supporting vertical industries based on industry-leading and open source technologies,
- Specify, Implement, and Operate Verticals drawn from the Automotive Industry on top of the Open5G-NFV common experimental facility,
- Provide a platform for innovation in Europe specifically suitable for SMEs,
- Develop open source Management and Orchestration (MANO) functionality and toolsets for experimental architecture instantiation,
- Enable in-testbed and extra-testbed demonstrations in an open reference platform
- Open software and APIs for rapid prototyping and inclusion of new building block functionalities with the necessary metadata definition, and
- Accelerate the formation of an open European-initiated, global-reach, long-term sustainable community.



EVOLVING FIRE INTO A 5G-ORIENTED EXPERIMENTAL PLAYGROUND FOR VERTICAL INDUSTRIES

5GINFIRE is a three years Research and Innovation action / project under the EU programme Horizon 2020 (Grant Agreement no. 732497) started on 1 January 2017. The EC funding is 4,999,970€ and 50% of this amount is dedicated to third parties (experimenters and 5G experimental facilities owners/operators) which will be selected through the planned 5GINFIRE Open Calls.



Website: www.5ginfire.eu
Contact: contact@5GinFIRE.eu
Twitter: [5GinFIRE](https://twitter.com/5GinFIRE)



5GINFIRE



www.5ginfire.eu



CONSORTIUM



Eurescom (Germany) – Project Coordinator
B-COM (France)
Easy Global Market SAS (France)
Instituto de Telecomunicacoes (Portugal)
Telefonica Investigacion y Desarrollo SA (Spain)
Universidad Carlos III de Madrid (Spain)
University of Bristol (UK)
University of Patras (Greece)
Fundacao de Apoio Universitario (Brazil)
Universidade de Sao Paulo (Brazil)

EVOLVING FIRE INTO A 5G-ORIENTED
EXPERIMENTAL PLAYGROUND FOR
VERTICAL INDUSTRIES



1st 5GINFIRE Open Call - phase 1

“Initial experiments and additional functionalities and infrastructures for experimentation”

This 5GinFIRE open call targets the following types of experimenters and facility providers:

Category 1: Invite experimenters to use the Automotive EVI environment as it is, taking advantage of the provided EVI features such as SDN, NFV and VxFs to test vertical applications

Category 2:

- a. Invite open source developers to provide missing functionality that is necessary for the lifecycle management of infrastructure components that enable virtualized infrastructures
- b. Invite designers and facilities providers of other verticals to take advantage of the 5GinFIRE toolsets, facilities and best practices, and instantiate new EVIs from other vertical

Available funding:

Category 1: for experiment proposals, maximum 75,000€ funding per accepted proposal

Category 2-a: for new functionalities, maximum 60,000€ funding per accepted proposal

Category 2-b: for extending infrastructures, maximum 125,000€ funding per accepted proposal

Total of 375,000€ for proposals in Category 1 is available for this Open Call.

Total of 375,000€ for proposals in Category 2 (for both sub-categories a and b) is available for this Open Call.

Further conditions of the Open Call, eligibility criteria, proposal templates, and proposal submission portal are available on the 5GINFIRE website <https://5ginfire.eu/>.

Contact: contact@5GinFIRE.eu - the contact e-mail address is archived.

Submission deadline: 28 February 2018 at 17:00 Brussels local time.